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*Admitted only in Maryland
+Admitted only in Virginia
•Practice Limited to Federal Agencies

November 19, 2003

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Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Re: U.S. Utility Patent Application
Appl. No. 10/671,886; Filed: September 29, 2003
For: **Cell-Free Production of Glucosamine**
Inventors: Bao *et al.*
Our Ref: 1533.5680001/SRL/NJL

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Information Disclosure Statement;
2. 1 page of Form PTO-1449 citing 4 documents;
3. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Nancy J. Leith

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Agent for Applicants
Registration No. 45,309

SRL/NJL:cpn
Enclosures

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NOV 19 2003
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|---|---|
| In re application of: | |
| Bao *et al.* | Art Unit: *To Be Assigned* |
| Appl. No. 10/671,886 | Examiner: *To Be Assigned* |
| Filed: September 29, 2003 | Atty. Docket: 1533.5680001/SRL/NJL |
| For: **Cell-Free Production of Glucosamine** | |

# Information Disclosure Statement

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. Copies of documents AA1 to AD1 are not provided in accordance with the U.S. Patent and Trademark Office pre-OG notice of July 11, 2003, which states "[t]he Office hereby waives the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003."

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not

be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed within three months of the date of filing of a national application other than a continued prosecution application and before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

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NOV 19 2003
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| FORM PTO-1449<br>INFORMATION DISCLOSURE STATEMENT | ATTY. DOCKET NO.<br>1533.5680001/SRL/NJL | APPLICATION NO.<br>10/671,886 |
|---|---|---|
| | APPLICANT<br>Bao *et al.* | |
| | FILING DATE<br>September 29, 2003 | GROUP<br>*To Be Assigned* |

**U.S. PATENT DOCUMENTS**

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---|---|---|---|---|---|---|---|
| | AA1 | 5,587,363 | 12/24/1996 | Henderson | | | 03/14/1994 |
| | AB1 | 5,679,244 | 10/21/1997 | Tettman *et al.* | | | 10/28/1996 |
| | AC1 | 5,843,919 | 12/01/1998 | Burger | | | 10/22/1997 |
| | AD1 | 6,162,787 | 12/19/2000 | Sorgente *et al.* | | | 04/02/1999 |
| | AE | | | | | | |
| | AF | | | | | | |
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| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

**FOREIGN PATENT DOCUMENTS**

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---|---|---|---|---|---|---|---|
| | AL | | | | | | Yes No |
| | AM | | | | | | Yes No |
| | AN | | | | | | Yes No |
| | AO | | | | | | Yes No |
| | AP | | | | | | Yes No |

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

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|---|---|---|---|
| | AR | | |
| | AS | | |
| | AT | | |

| EXAMINER | DATE CONSIDERED |
|---|---|

**EXAMINER**: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.